

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
1000 Rio Brazos Road, Artec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**State of New Mexico**  
**Energy Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 South St. Francis Dr.**  
**Santa Fe, NM 87505**

Form C-101  
Revised July 18, 2013

*AMENDED*

**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address <b>COG Production LLC</b> <b>2208 West Main Street</b> <b>Artesia, NM 88210</b>		<sup>2</sup> OGRID Number <b>217955</b>
<sup>3</sup> API Number <b>30-025-42275</b>		<sup>4</sup> Property Code <b>39209</b>
<sup>5</sup> Property Name <b>Eata Fajita State</b>		<sup>6</sup> Well No <b>10H</b>

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
P	8	24S	33E		200	South	850	East	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
A	5	24S	33E		330	North	380	East	Lea

**9. Pool Information**

Pool Name	Pool Code
Triple X: Bone Spring, West	96674

**Additional Well Information**

<sup>11</sup> Work Type New Well	<sup>12</sup> Well Type Oil	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type State	<sup>15</sup> Ground Level Elevation 3604.3'
<sup>16</sup> Multiple N	<sup>17</sup> Proposed Depth 19412	<sup>18</sup> Formation Bone Spring	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 12/02/2014
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

**21. Proposed Casing and Cement Program**

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surface	17.5	13.375	54.5	1250'	800	
Intmd	12.25	9.625	36/40	4900'	950	
Prod	7.875	5.5	17	19412'	3500	4600

**Casing/Cement Program: Additional Comments**

Plan to drill a 17-1/2" hole to 1250' with Fresh Water. Run 13-3/8", 54.5#, J-55 csg and cmt to surface. Drill 12-1/4" hole to 4900' with Brine, and run 9-5/8", 36#/40#, J55 and cement to surface. Drill 8-3/4" to 9100' to kick off and drill curve and lateral with cut brine to approx 19,412' MD. Run 5-1/2" 17# BTC P-110 csg and cement to 4600' in 1 stage.

**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	Cameron

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: <i>Mayte Reyes</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed name: <b>Mayte Reyes</b>		Approved By: <i>[Signature]</i>	
Title: <b>Regulatory Analyst</b>		Title: <b>Petroleum Engineer</b>	
E-mail Address: <b>mreyes1@concho.com</b>		Approved Date:	Expiration Date: <b>11/20/16</b>
Date: <b>11/25/2014</b>	Phone: <b>575-748-6945</b>	Conditions of Approval Attached	

DEC 01 2014